(e) As per report of the Global Technical Advisor of Airports Authority of India (AAI), it is estimated on preliminary basis that for Delhi and Mumbai airports, the capital investment to the extent of Rs. 8720 crores and Rs. 6400 crores will be required for Delhi and Mumbai airports, respectively. The above estimates do not include cost of likely relocation of some of the assets and removal of encroachments. The first phase of modernisation/ expansion of Delhi and Mumbai airport is likely to be completed by 2010.

Airports for super jumbos

*10. SHRIMATI N.P. DURGA: Will the Minister of CIVIL AVIATION be pleased to state:

(a) whether the AAI has identified any airports in the country to make them designated gateways to handle the newly-unveiled 555-seater super jumbos /.e.,A-380s;

(b) if so, the details of such airports and whether the identified airports have the parking bays for the super jumbos; and

(c) what are the other measures AAI are taking to ensure smooth handling of these jumbos?

THE MINISTER OF STATE OF THE MINISTRY OF CIVIL AVIATION (SHRI PRAFUL PATEL): (a) Yes, Sir.

(b) and (c) The international airports at Delhi, Mumbai, Kolkata and Chennai have been identified for accommodating A-380 aircraft. 3 parking bays at Mumbai airport, 2 at Delhi and 1 parking bay at Chennai airport have been identified to handle A-380 type of aircraft. The work of identifying parking bay at Kolkata is at the preliminary stage. The proposed new international Airports at Bangalore and Hyderbad would also have the facilities for handling A-380 aircraft. Studies have already been carried out for adequacy of Runway Length, Taxiway Width, Turning Raddi and apron parking positions at these airports.

Irrigation projects in Assam

*11. SHRI URKHAOGWRA BRAHMA: Will the Minister of WATER RESOURCES be pleased to state:

(a) the details of Centre's major irrigation projects yet to be completed in Assam and the amount released so far, scheme-wise;

(b) the reasons for non-completion of these projects for such a long time;

(c) any time-frame within which the projects are going to be completed; and

(d) whether there is any possibility of withdrawal of some of these projects?

THE MINISTER OF WATER RESOURCES (SHRI PRIYARANJAN DASMUNSI): (a) to (d) The Pagladiya Dam Project located at Thalkuchi village in the Nalbari district of Assam is the only Central Sector multipurpose project having flood control, irrigation and hydro power generation benefits associated with it. The project is being implemented by the Brahmaputra Board. Rs. 28.32 crore has been released to the Brahmaputra Board against this project. The project is scheduled to be completed by December 2007. However, its completion within the stipulated time depends upon the completion of Zirat survey which is to be completed by the State Government of Assam. However, several apprehensions have been made by local people and organisations within Bodo Territorial Council, Assam Government is negotiating the matter.

Production of alternative fuels

*12. SHRI SANJAY RAUT: Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) whether it is a fact that the trees like pungan, neem, karanji, ratanjyot or jatropha can be grown to produce oil and this oil can be converted into bio-diesel after esterification and used as fuel in diesel engines;

(b) if so, the details thereof; and

(c) the steps taken or proposed to be taken for using and producing alternative renewable energy to the petroleum products in the country?

THE MINISTER OF PETROLEUM AND NATURAL GAS (SHRI MANI SHANKAR AIYAR): (a) and (b) Yes, Sir. Bio-diesel, derived from the vegetable oils mentioned in the question can be used as an automotive fuel after mixing with diesel. The process technology for the production of bio-diesel from vegetable oils is available in the country. Under instructions from the Ministry of Petroleum and Natural Gas to the Oil Marketing